



IP

PATENT AND TRADEMARK OFFICE

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/750,074
Filing Date	December 31, 2003
First Named Inventor	LANINGA, Alan
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	542530-0001

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
9/aa		US- 4592947B1	06-03-1986	Hunter et al.	
9/aa		US- 4666758B1	05-19-1987	Hunter et al.	
9/aa		US- 3620905B1	11-16-1971	Ahramjian	
9/aa		US- 3826629B1	07-30-1974	Pryor et al.	
9/aa		US- 4664982B1	05-12-1987	Genovese et al.	
9/aa		US- 5437898B1	08-01-1995	Forry et al.	
9/aa		US- 3852148B1	12-03-1974	Pryor et al.	
9/aa		US- 4340226B1	07-20-1982	Haines	
9/aa		US- 4767664B1	08-30-1988	Oike	
9/aa		US- 5412547B1	05-02-1995	Hornblad et al.	
9/aa		US- 5491617B1	02-13-1996	Currie	
9/aa		US- 5586691B1	12-24-1996	Gotch et al.	
9/aa		US- 5291378B1	03-01-1994	Stone	
9/aa		US- 6591524B1	07-15-2003	Lewis et al.	
9/aa		US- 4894647B1	01-16-1990	Walden, Jr. et al.	
9/aa		US- 5924784B1	07-20-1999	Chliwnyj et al.	
9/aa		US- 2070952B1	02-16-1937	Mitchel	
9/aa		US- 2002/0108651A1	08-15-2002	Becker	
9/aa		US- 4821764B1	04-18-1989	Brenez	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	r ³
		Country Code ² *Number* *Kind Code ⁵ (if known)	MM-DD-YYYY			
9/aa		WO 99/33746A1	07-08-1999	Travis		
9/aa		GB 2347993A	09-20-2000	Oakley		
9/aa		GB 2323696A	09-30-1998	Nassenstein		
9/aa		WO 94/04456A1	03-03-1994	Gotch et al.		
9/aa		GB 2330440A	04-21-1999	Styles		

Examiner Signature	<i>[Signature]</i>	Date Considered	5/4/05
--------------------	--------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

